

EXHIBIT

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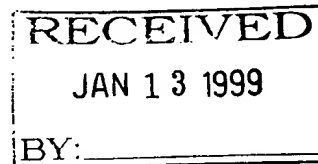
FILING RECEIPT



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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
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021897
MATTHEWS JOSEPH SHADDOX & MASON
1800 BERING DRIVE SUITE 900
HOUSTON TX 77057



Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Application Processing Division's Customer Correction Branch within 10 days of receipt. Please provide a copy of the Filing Receipt with the changes noted thereon.

Applicant(s)

DONALD E. MOSING, LAFAYETTE, LA; SAMUEL P. HAWKINS,
MINERAL WELLS, TX; DAVID L. SIPOS, YOUNGSVILLE, LA;
KEITH T. LUTGRING, LAFAYETTE, LA; BURNEY J. LATIOLAIS JR.,
LAFAYETTE, LA.

CONTINUING DATA AS CLAIMED BY APPLICANT-

THIS APPLN IS A CIP OF 08/850,496 05/02/97
AND A CIP OF 08/726,112 10/04/96 PAT 5,735,348

FOREIGN FILING LICENSE GRANTED 01/06/99

TITLE

IMPROVED METHOD AND MULTI-PURPOSE APPARATUS FOR DISPENSING AND
CIRCULATING FLUID IN WELLBORE CASING

PRELIMINARY CLASS: 166



DATA ENTRY BY: FORD, EVELYN

TEAM: 04 DATE: 01/06/99

(see reverse)